

IN THE CLAIMS

Please cancel ~~claims~~ 5, 6, and 14.

Please enter the following ~~amended~~ Claim 1. A marked-up version can be found at the end of this response.

*Sub 1*

1. A method for decreasing sulfur levels in a previously hydrosulfurized mercaptan sulfur containing olefinic naphtha feedstream comprising the steps of passing said mercaptan sulfur containing olefinic naphtha feedstream over a fixed bed catalyst in a three phase, gas, liquid, solid system in the presence of a stripping gas, for a time and temperature and pressure sufficient to decompose at least a portion of said mercaptans to produce olefins,  $H_2S$ , as an off gas, and a hydrocarbon product stream having decreased amounts of mercaptan sulfur from said  $H_2S$  and said stripping gas and wherein when said stripping gas is a gas stream comprising hydrogen, said fixed catalyst bed comprises a non-reducible metal oxide, and wherein when said stripping gas is an inert gas said fixed bed catalyst comprises a Group VIIIB metal promoted Group VIB catalyst.